

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

#5
 O I P E
 1001 2 1 1001
 130ART & TRACER

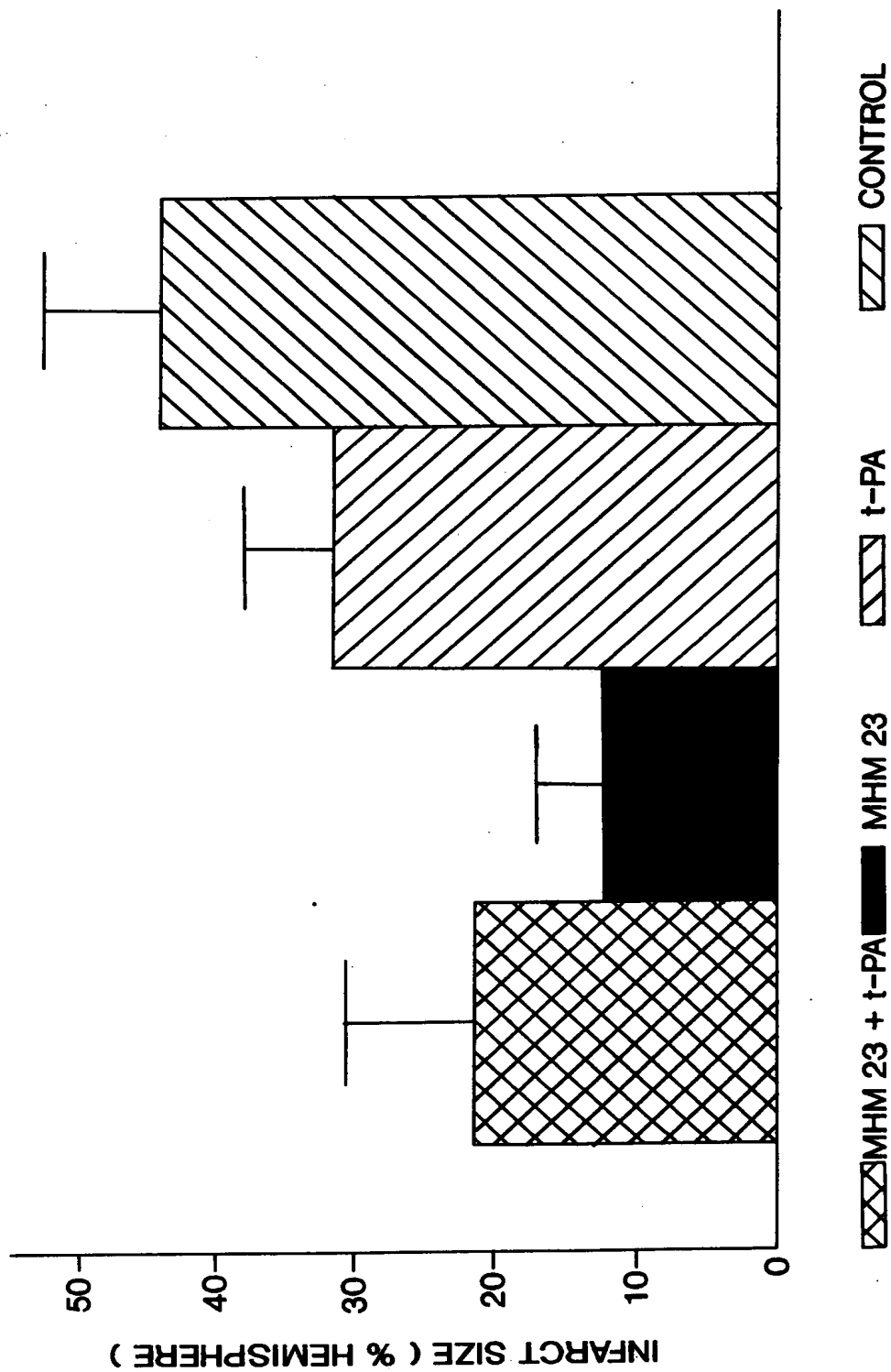


FIG. 1

APPROVED	O.G. FIG.	
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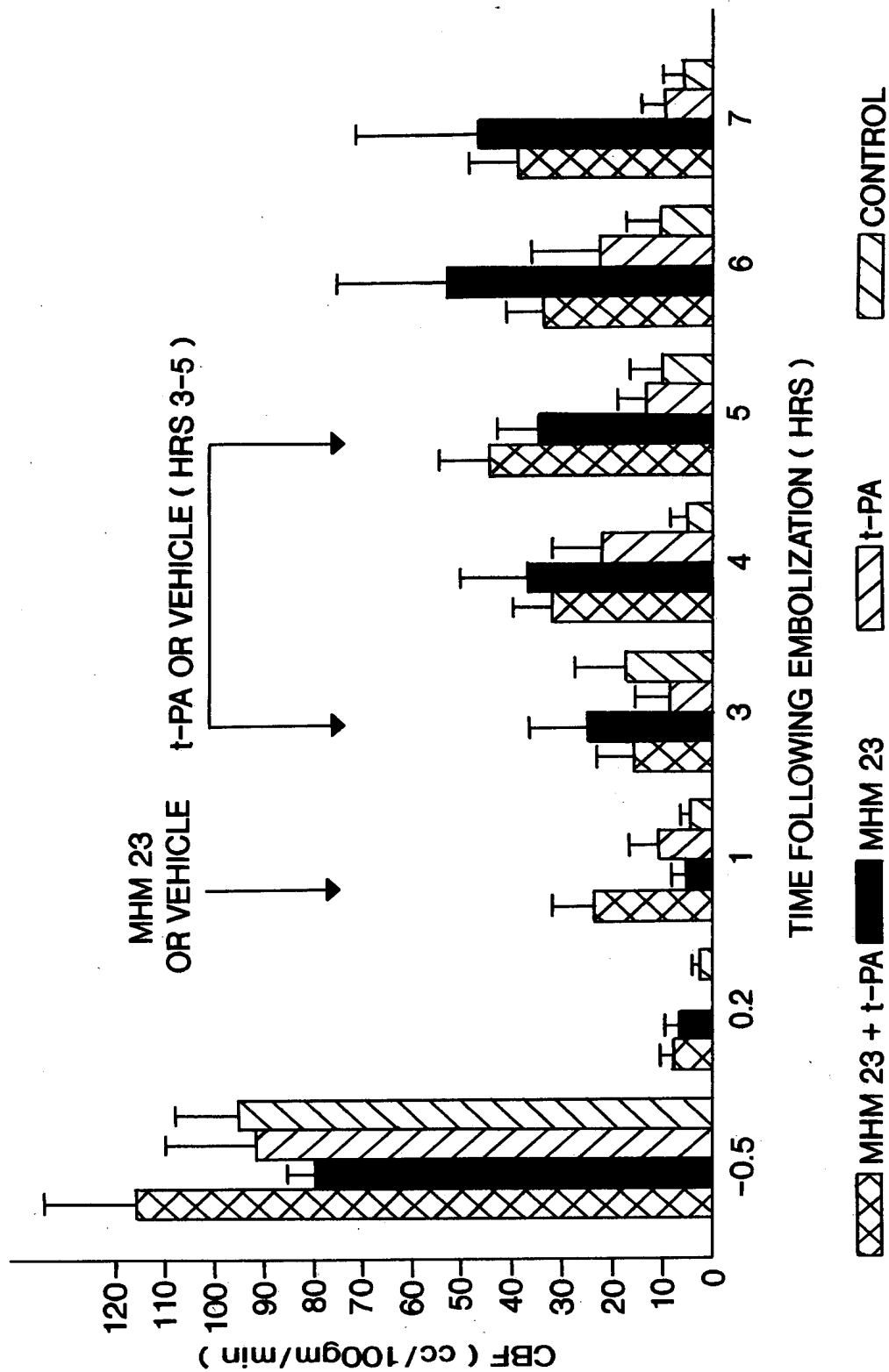


FIG. 2

TOP SECRET

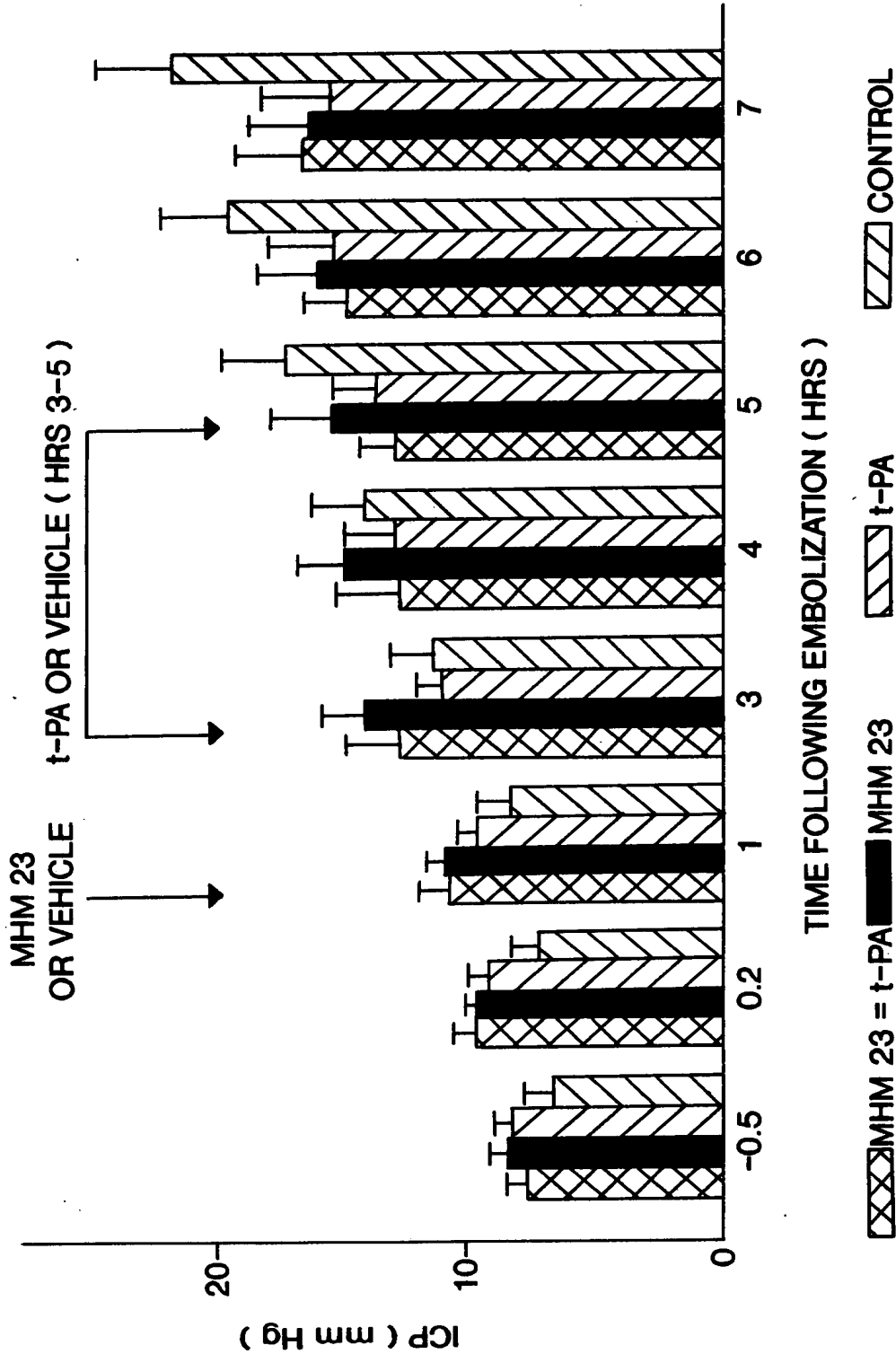


FIG. 3

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APPROVED	O.G. FIG.	
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hIgG₁ Sequence of human IgG1 CH1 domain
hIgG₂ Sequence of human IgG2 CH1 domain
hIgG₃ Sequence of human IgG3 CH1 domain
hIgG₄ Sequence of human IgG4 CH1 domain
humκ Sequence of human kappa CL domain
humλ Sequence of human lambda CL domain

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	114	128	139
hIgG ₁	A S T K G P S V F P L A P S S K S T S G G T A A L		
hIgG ₂	A S T K G P S V F P L A P C S R S T S E S T A A L		
hIgG ₃	A S T K G P S V F P L A P C S R S T S G G T A A L		
hIgG ₄	A S T K G P S V F P L A P C S R S T S E S T A A L		
	108	122	131
humκ	R T V A A P S V F I F P P S D E Q L K S G T A S V		
humλ	Q P K A A P S V T L F P P S S E E L Q A N K A T L		

Fabv1b A S T K G P S V F P L A P S P K N S SMISN T P A L
of interest P K N S SMISN T P

most important

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hIgG ₁	G C L V K D Y F P E P V T V S W N S G A L T S
hIgG ₂	G C L V K D Y F P E P V T V S W N S G A L T S
hIgG ₃	G C L V K D Y F P E P V T V S W N S G A L T S
hIgG ₄	G C L V K D Y F P E P V T V S W N S G A L T S
humκ	V C L L N N F Y P R E A K V Q W K V D N A L Q
humλ	V C L I S D F Y P G A V T V A W K A D S S P V

Fabv1b	G C L V K D Y F P E P V T V S W N S G A L T S
hIgG ₁	G V H T F P A V L Q S S G - - - L Y S L S S V
hIgG ₂	G V H T F P A V L Q S S G - - - L Y S L S S V

FIG. 4A

APPROVED	O.G. FIG.	
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hIgG ₃	G V H T F P A V L Q S S G - - - L Y S L S S V
hIgG ₄	G V H T F P A V L Q S S G - - - L Y S L S S V
humk	S G N S Q E S V T E Q D S K D S T Y S L S S T
huml	K A G V E T T T P S K Q S N N - K Y A A S S Y

Fabv1b	G V H T F P A V L Q S S G - - - L Y S L S S V
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	193		200	203	
	I		I	I	
hIgG ₁	V T V P S S S L G T -	Q T Y I C N V N H K P S			
hIgG ₂	V T V P S S N F G T -	Q T Y T C N V D H K P S			
hIgG ₃	V T V P S S S L G T -	Q T Y T C N V N H K P S			
hIgG ₄	V T V P S S S L G T -	K T Y T C N V D H K P S			

	181		190
	I		I
humk	L T L S K A D Y E K H K V Y A C E V T H Q G L		
huml	L S L T P E Q W K S H R S Y S C Q V T H E G S		

Fabv1b	V T V P H Q S L G T -	Q T Y I C N V N H K P S
of interest	H Q N L S D G K	

most important	<div style="display: flex; align-items: center;"> <div style="border-bottom: 1px solid black; width: 100px; margin-right: 10px;"></div> <div style="display: flex; gap: 10px;"> ****** </div> </div>
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hIgG ₁	N T K V D K R V - - -
hIgG ₂	N T K V D K T V - - -
hIgG ₃	N T K V D K R V - - -
hIgG ₄	N T K V D K R V - - -

humk	S S P V T K S F N R G E C
huml	T V E K T V A P T E C S

Fabv1b	N T K V D K R V - - -
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FIG. 4B